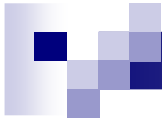


# Advancing in Technical and Operative tools for Forecasting (NinJo Project)

**Vanessa Gascón Mendiola**  
**José Miguel Fernández (ATAP)**



# Ninjo Production in AEMET

## Summary

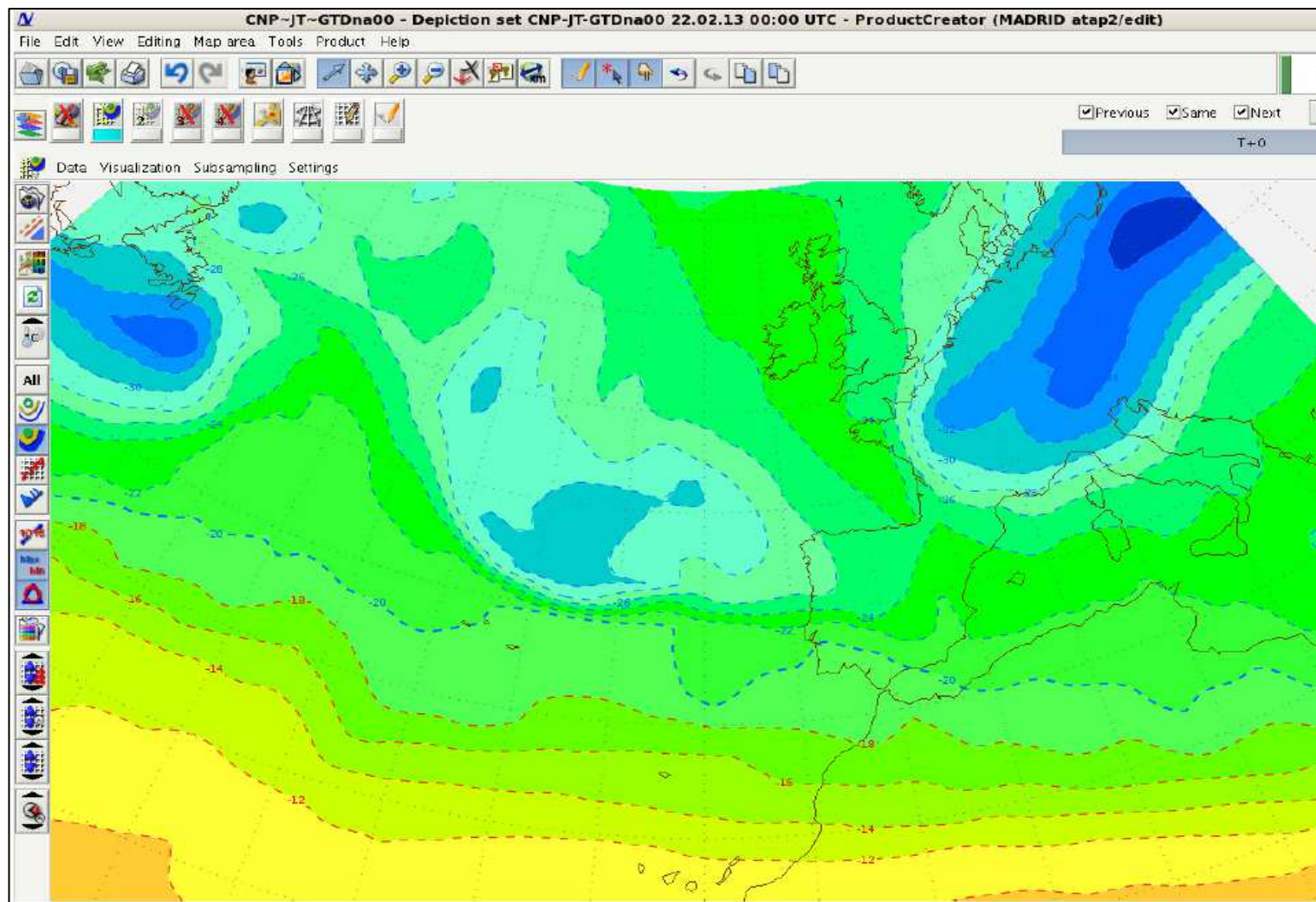
1. Configuration of visualization numerical prediction models.
2. Favorite scenes
3. My GUI instead favorite Sessions
4. PWB templates for interactive production
5. New sessions
6. ~~Next future~~
7. Next future



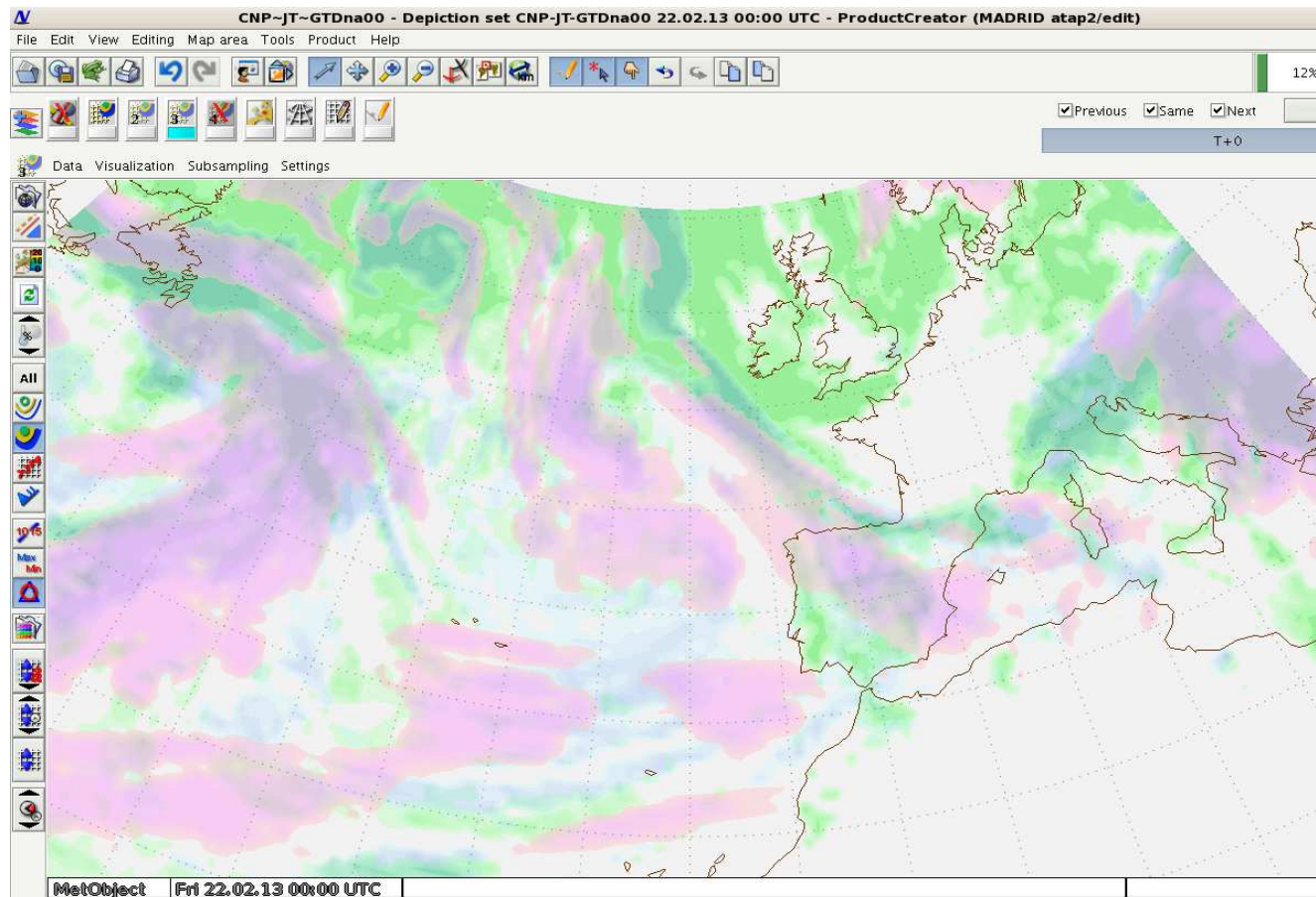
# Improving the numerical models visualization

- A lot of configuration of visualization and favorite scenes displaying numerical prediction models.
  - Specific names
    - HR7
    - .....
    - PNMc2+PCP6Hs2
    - .....
  - Default names
    - 205200006\_70000501\_10000005
    - .....

# Cfg T500sc



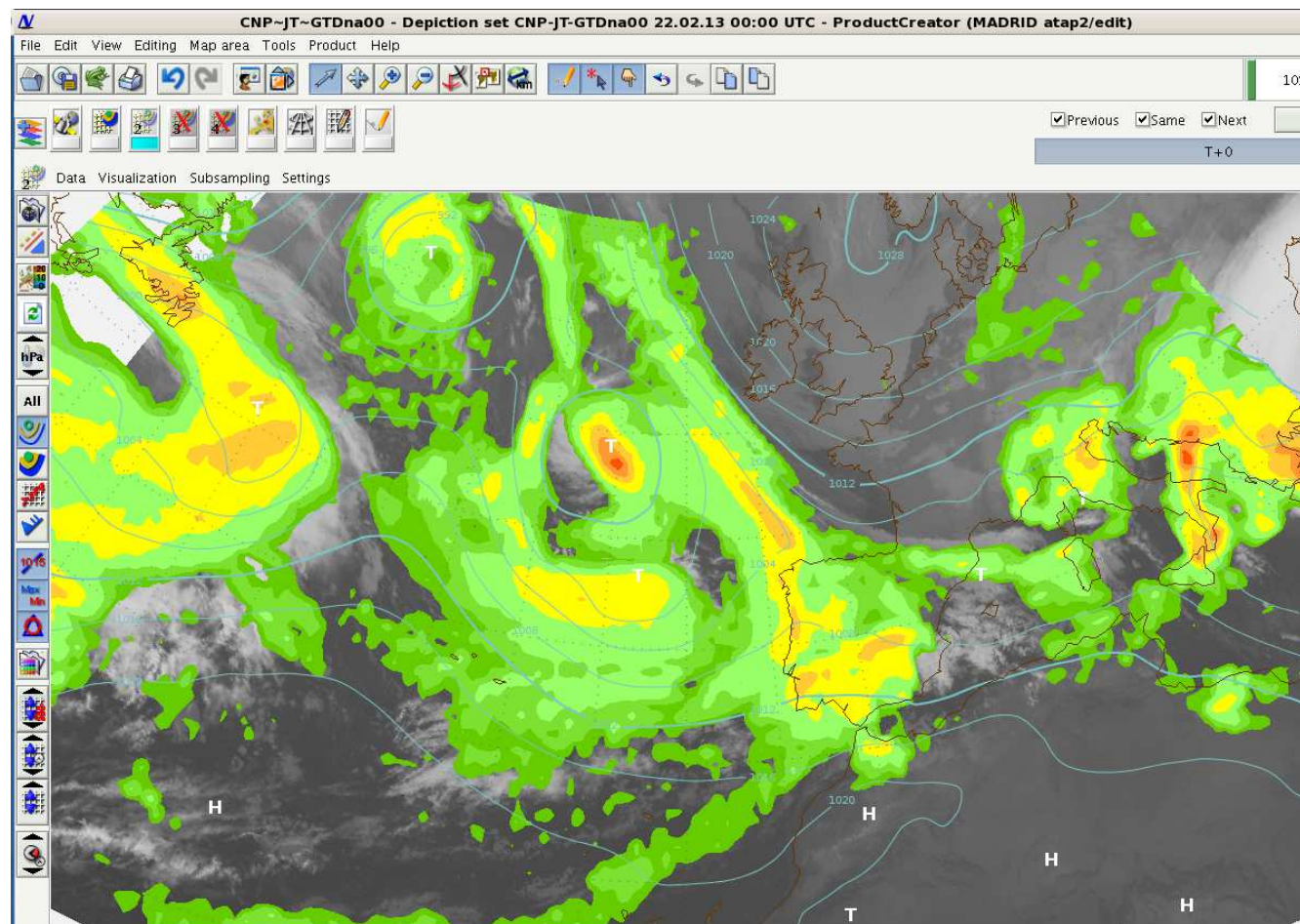
# Cfgs CLOUDINESS LOW, MEDIUM AND HIGH



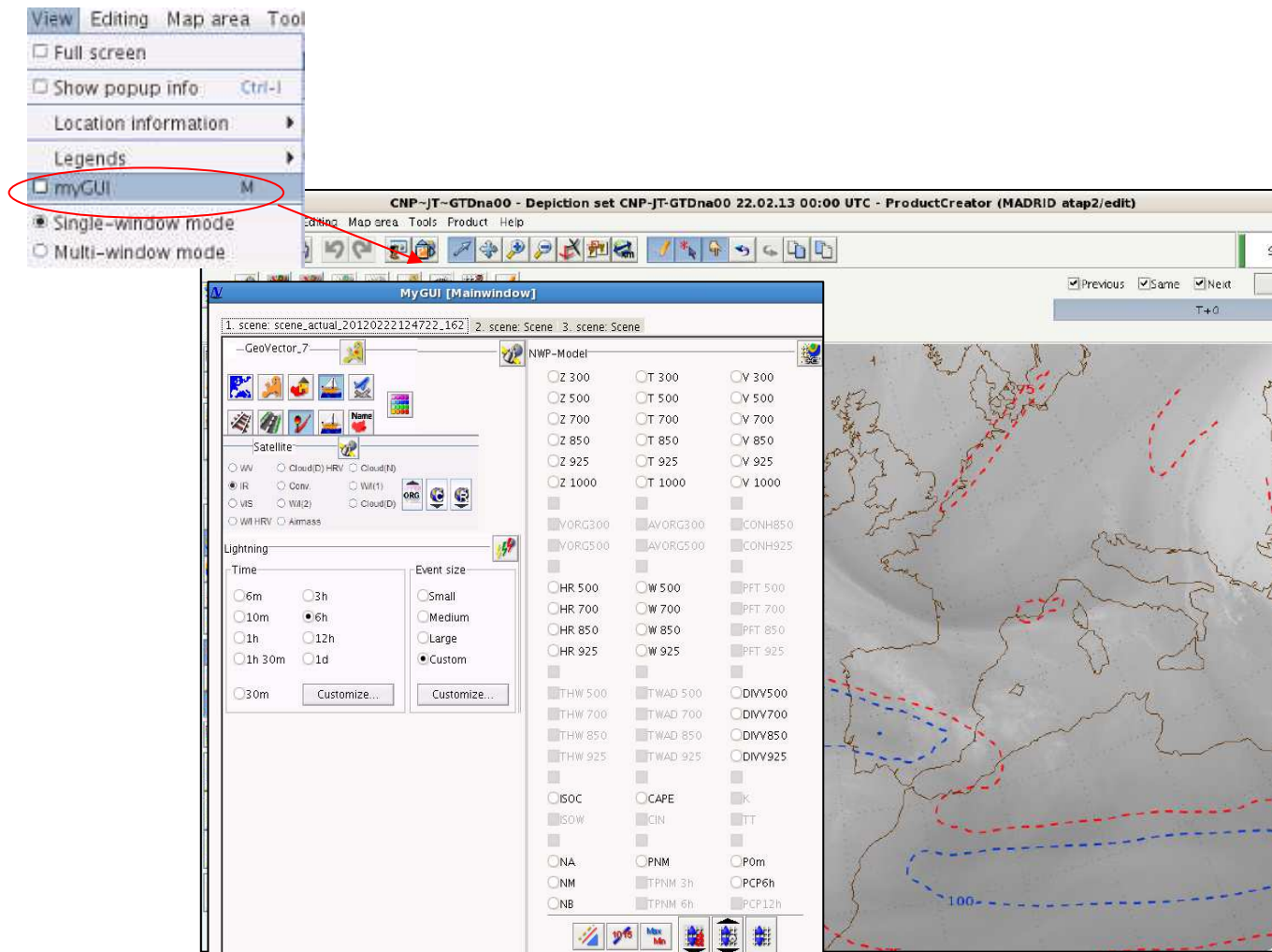


# Favorite Scenes

## PCP acum. 24 h/PMSL



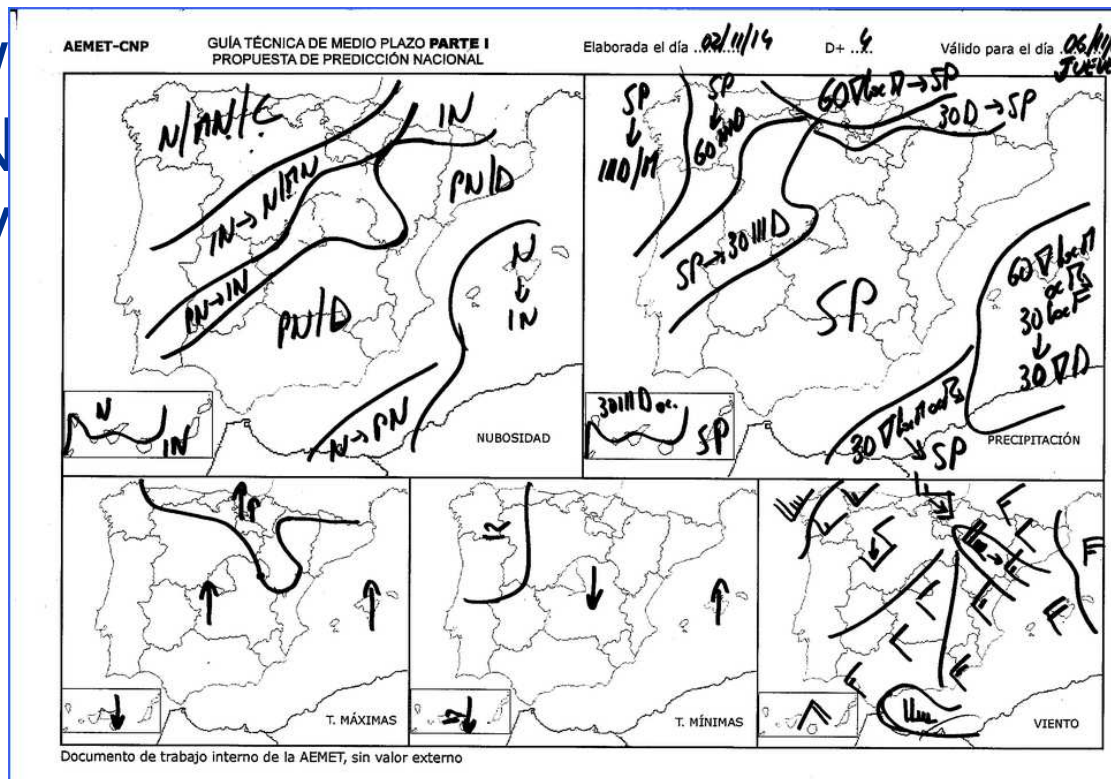
# Making work easier to forecasters: MYGUI



# NINJO PRODUCT WORKBENCH TEMPLATES

- We've created lots of sessions and production templates:

- New  
GTN  
GTV

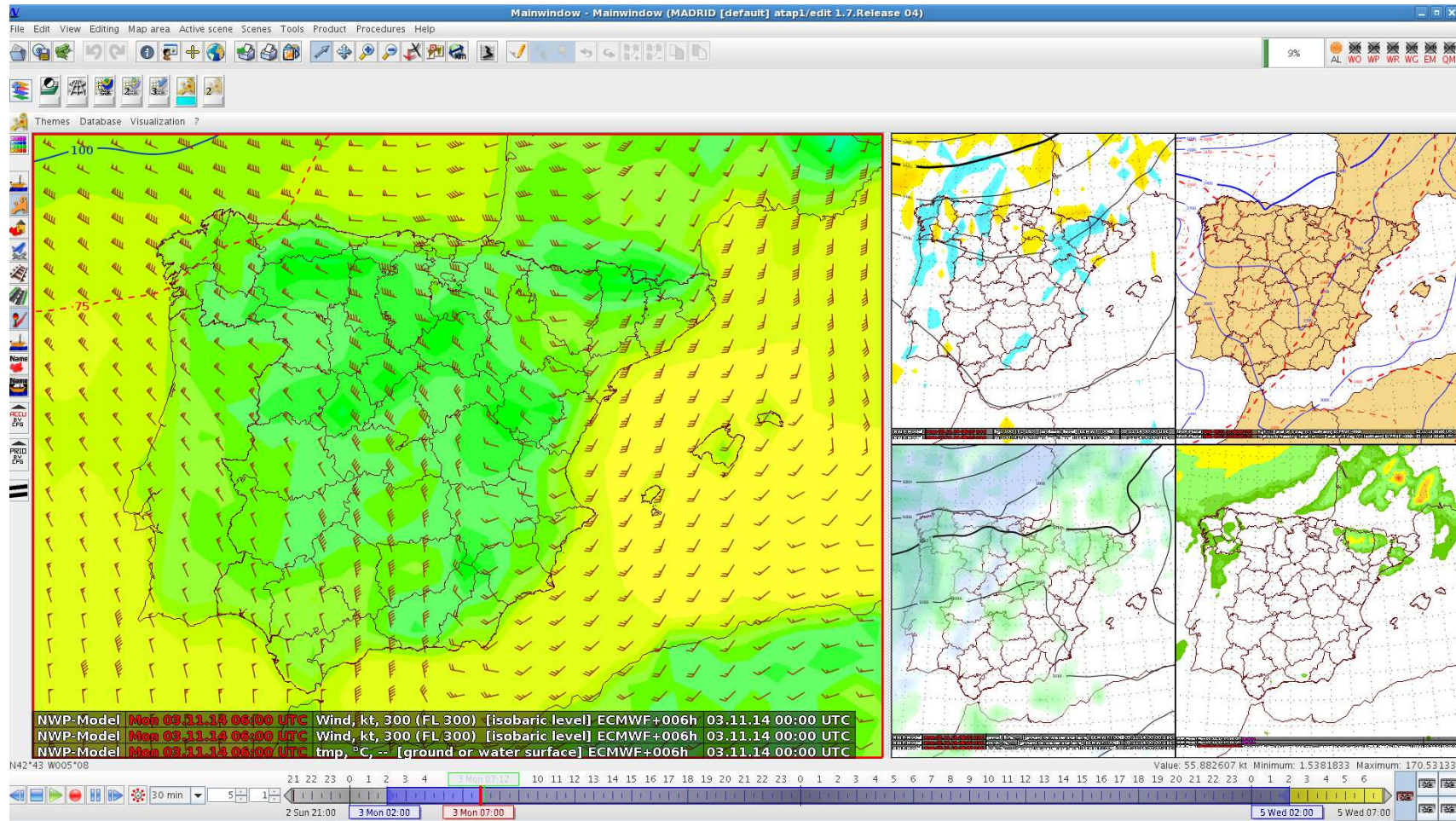


GTHelp,  
MINP,



# NINJO PRODUCT WORKBENCH TEMPLATES

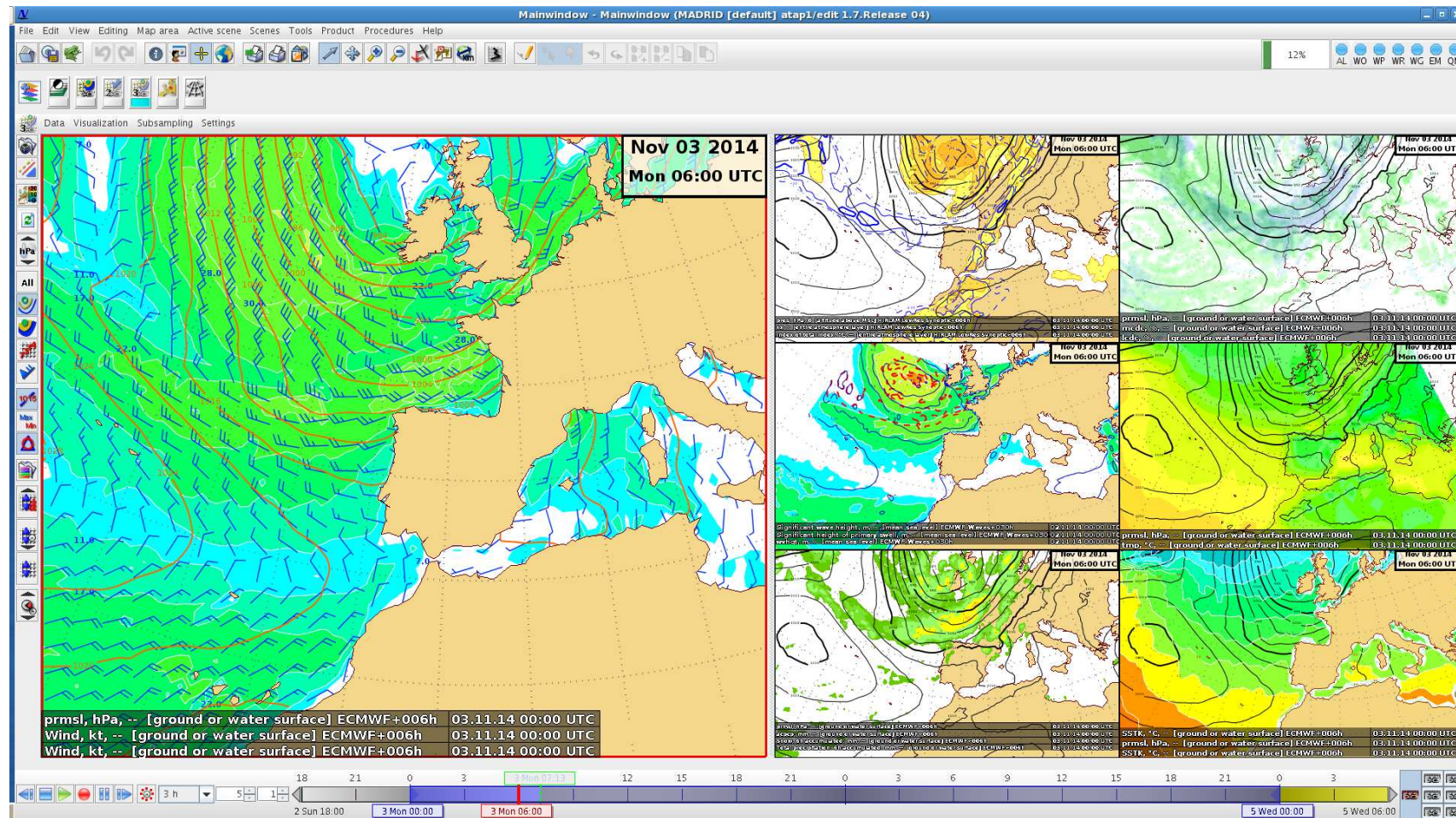
- We've created lots of new sessions :FMON





# NINJO PRODUCT WORKBENCH TEMPLATES

- We've created lots of new sessions :FMAR



# NINJO PRODUCTS WORKBENCH

## New meteorological objects for Front types, Lines, Areas and Weather String

The screenshot displays the NINJO PRODUCTS WORKBENCH software interface. The main window shows a weather map with various meteorological symbols, including fronts, lines, and areas. The interface includes a menu bar (File, Edit, View, Editing, Map area, Tools, Product, Help) and a toolbar with various icons. A sidebar on the left contains a list of symbols, with four items circled in red. A 'Select Symbol' dialog box is open, showing options for 'Add Symbols' and 'Replace Symbols'. A 'Symbol types' dialog box is also open, showing a grid of symbol types. A vertical strip on the right side of the interface shows a list of front types with corresponding symbols. Red arrows point from the circled symbols in the sidebar to the 'Select Symbol' dialog box and the 'Symbol types' dialog box.

Advancing in Technical and Operative tools for Forecasting (NinJo Project)

Madrid, 3 de Noviembre del 2014





# NINJO PRODUCTS WORKBENCH

## New meteorological objects by fonts

fontstruct™

My FontStruct Gallery FontStructor Live Blog Support

Save Download Go Back Menu Expert Mode Help

Type to see your FontStruction in action:

Your letters:

Spacing

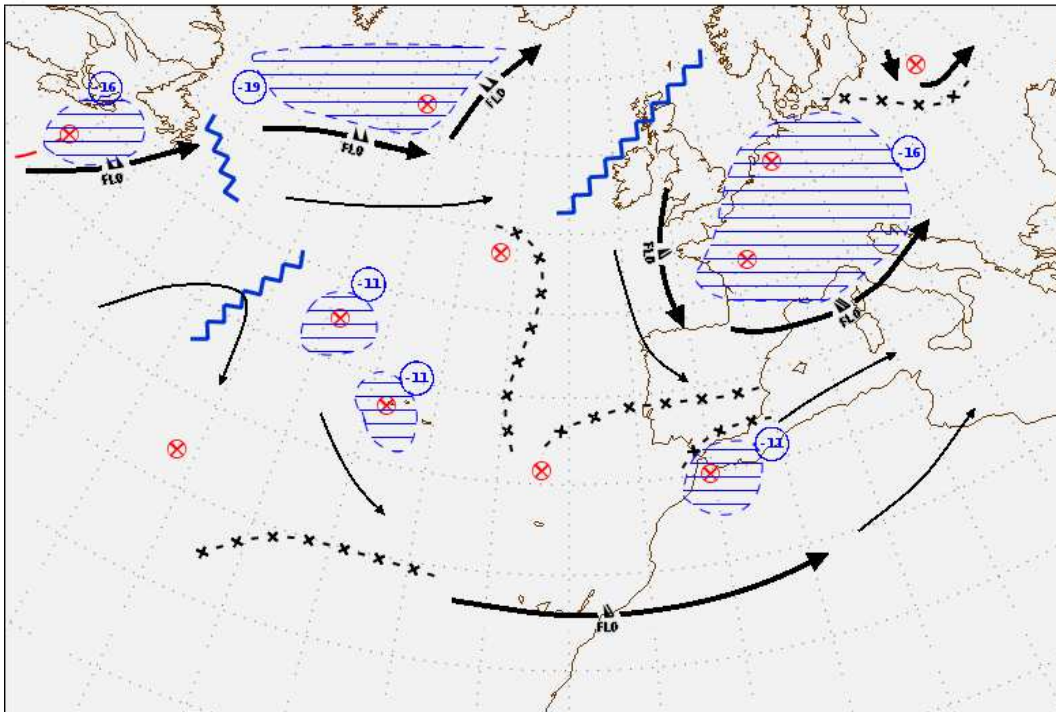
☒ Global ☐ Mono

15.49

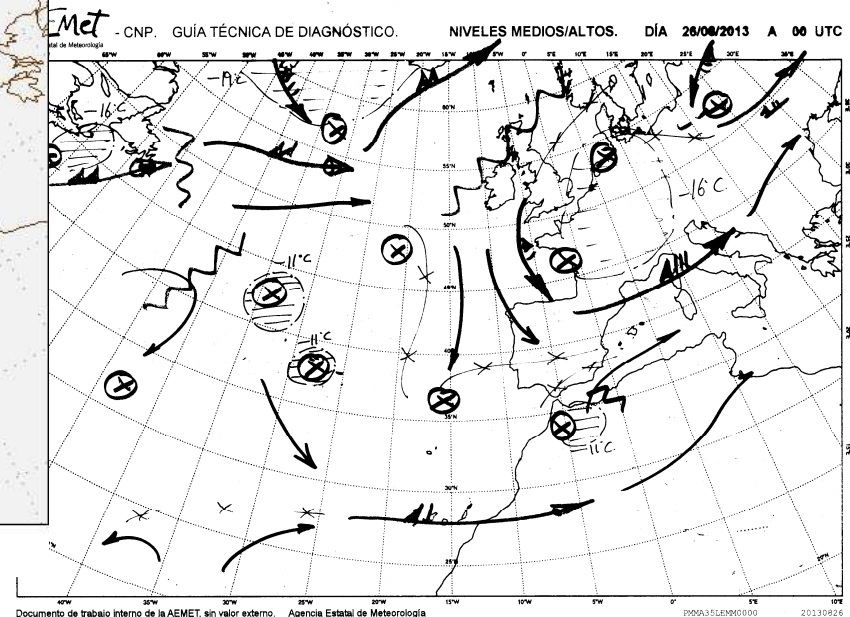


# GTDna's 26/08/2013 00 drawn with NinJo and hand drawn

AEMet - CNP. GUÍA TÉCNICA DE DIAGNÓSTICO NIVELES MEDIOS/ALTOS DÍA: 26/08/2013 A



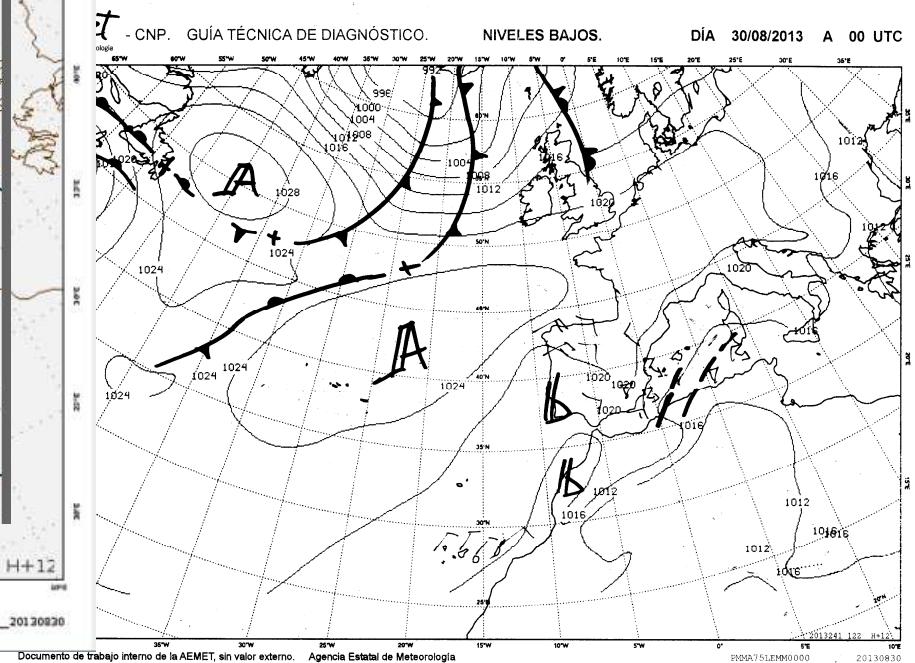
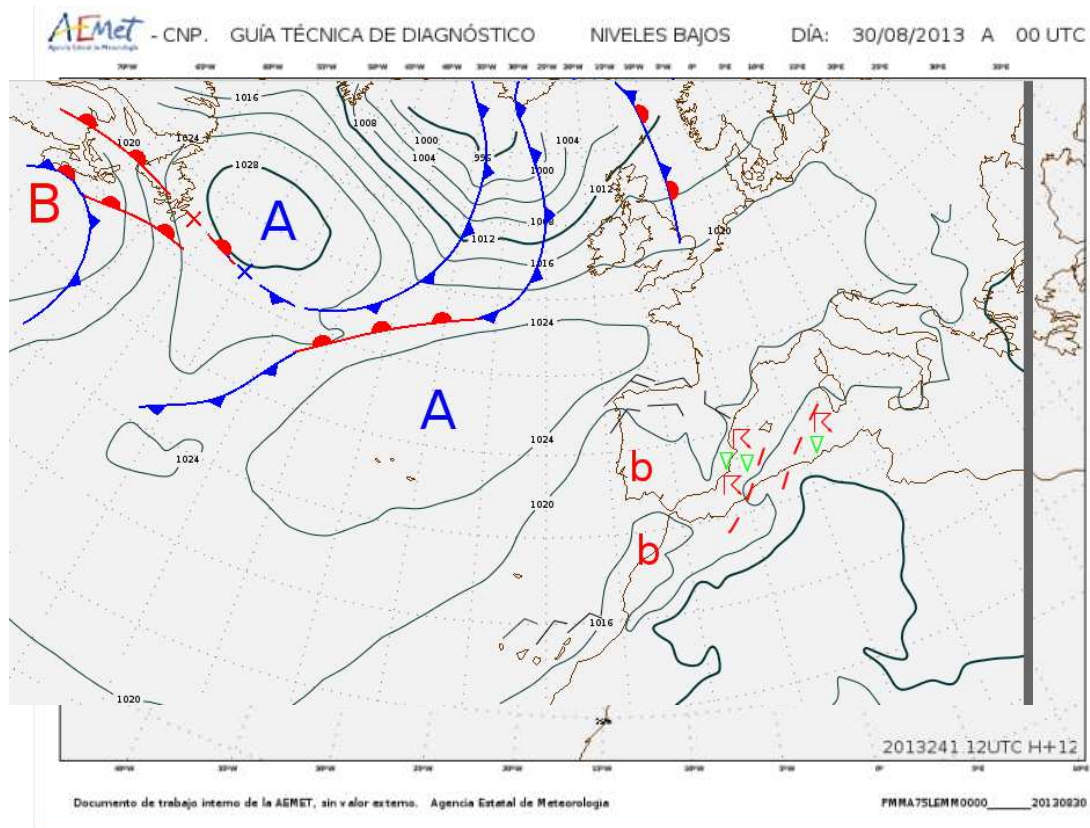
Documento de trabajo interno de la AEMET, sin valor externo. Agencia Estatal de Meteorología



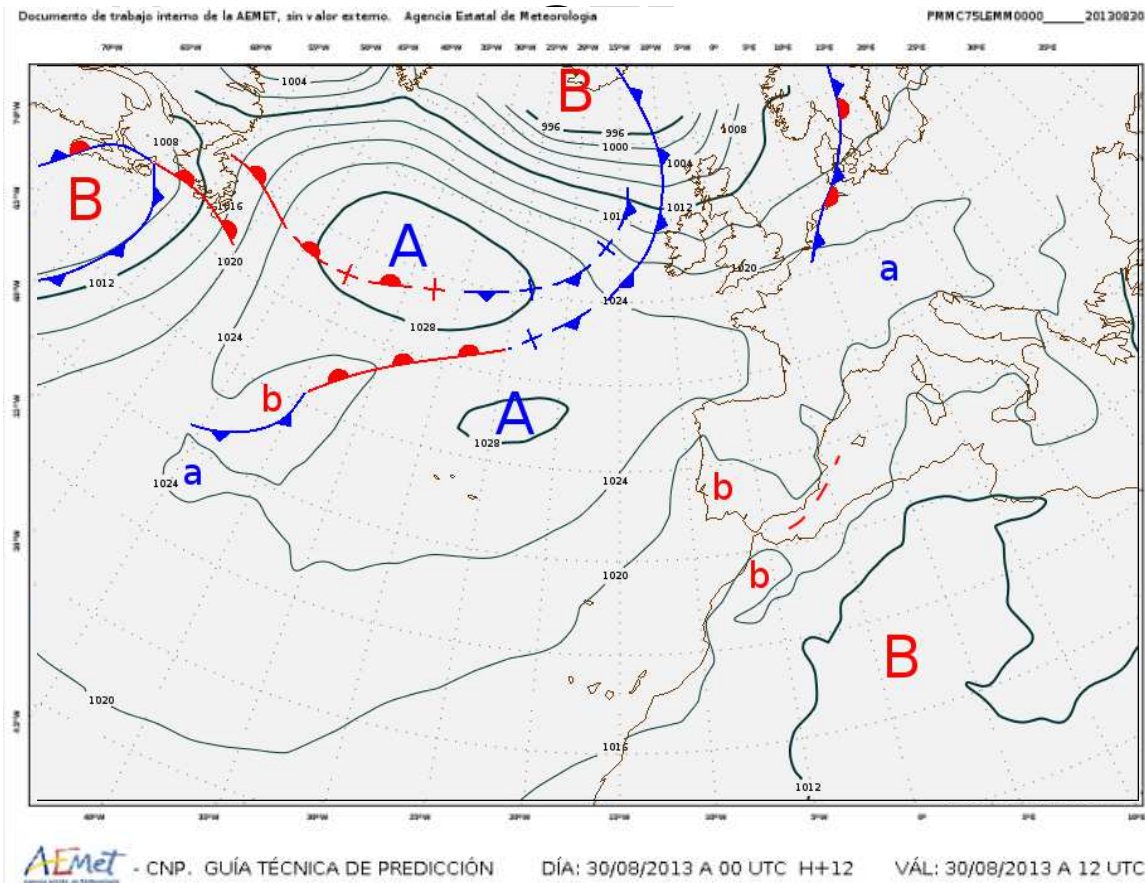
Documento de trabajo interno de la AEMET, sin valor externo. Agencia Estatal de Meteorología

10063514880000 20130826

# GTDnb's 30/08/2013 00 drawn with NinJo and hand drawn



# GTP's 30/08/2013 00 H+12 drawn with NinJo and hand drawn







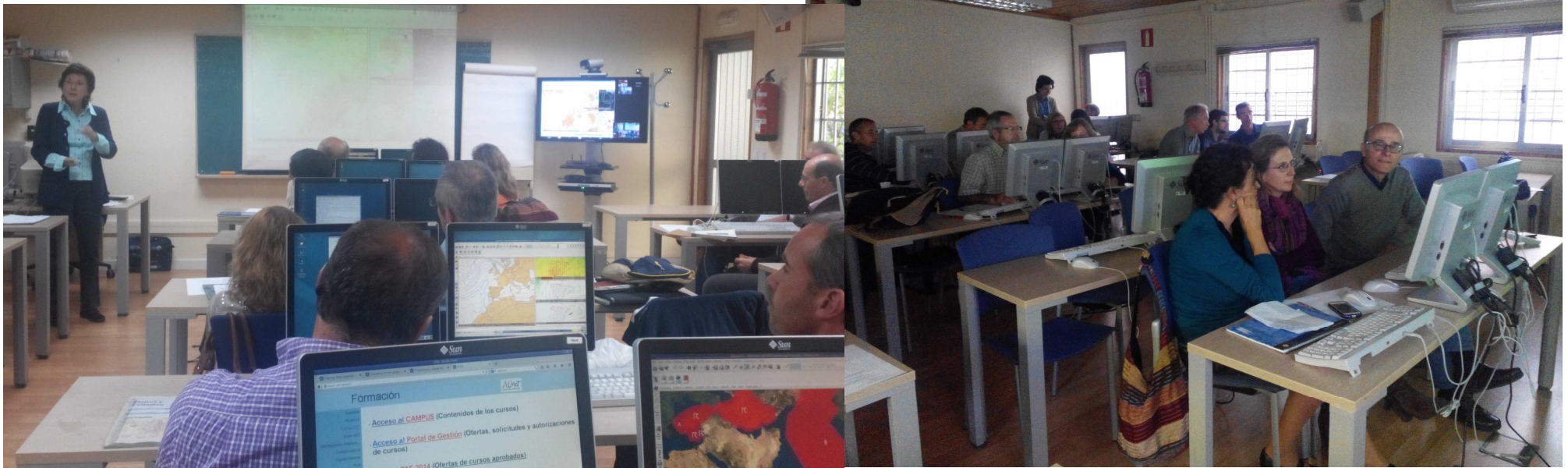
# NINJO PRODUCTS WORKBENCH COURSES TO CNP

- MARCH 2014: Training Course by NinJo workgroup in AEMET. NinJo version 1.4
- At the end of this course CNP send to us specifications of metObjects that AEMET needed to draw and explain us how to improve the workbench tools and sessions.
- Monitoring of faults and correct them at the moment
- We are continually improving the process



# NINJO PRODUCTS WORKBENCH COURSES TO AEMET

- OCTOBER- NOVEMBER 2014: Training Course by NinJo workgroup in AEMET. NinJo version 1.7
- New editions of the course in 2015



# NINJO PRODUCTS WORKBENCH COURSES TO AEMET



**CURSO: "Introducción al uso operativo del Sistema NinJo"**

## PROGRAMA DIARIO DE CLASES

### Contenido del curso y profesores

1. (AMS) Introducción Sistema NinJo
2. (AGO) Sesión, Escenas, Ventana principal
3. (AGO) Barra controladora de tiempos
4. (AGO) Mapas y navegación de imágenes
5. (TPC) Capas Geogrid, Geovector, Georaster, Geolocation y fill Layer
6. (AMS) Capa de modelos numéricos y MyGUI
7. (TPC) Capa datos de observaciones SFC
8. (TPC) Automon
9. (JFS) Capas de Satélite, Radar y Rayos
10. (JVA) Aplicación Meteogramas
11. (EWH) Capa de Secciones verticales
12. (JPG) Capa y Aplicación Sondeos
13. (JSC) Capa de aviación
14. (VGM) WebCam, Capa de objetos meteorológicos y NinJo Workbench
15. (AMS) Conclusiones.

### Profesores:

Aurora Martín Sanz, (AMS en el programa)  
 Alicia García Ortega (AGO en el programa)  
 Tomás Prieto Calvo (TPC en el programa)  
 Vanessa Gascón Mendiola (VGM en el programa)  
 José Miguel Fernández Sordán (JFS en el programa)  
 José Ignacio Palacio García (JPG en el programa)  
 José Antonio Sosa Cardo (JSC en el programa)  
 Ernest Werner Hidalgo (EWH en el programa)  
 José Voces Aboy (JVA en el programa)

### Sesiones 1 y 2

	LUNES 27	MARTES 28	MIÉRCOLES 29	JUEVES 30	VIERNES
9:00 - 10:00	1(AMS)/2(AGO)	7(TPC)	10(JPG)	12(JVA)	
10:00 - 11:00	3(AGO)	8(TPC)	10(JPG)	13(JVA)	
	Descanso café				
11:30 - 12:30	4(AGO)	9(JFS)	11(EWH)	13(JSC)	
12:30 - 13:30	5(TPC)	9(JFS)	11(EWH)	14(JSC)	
13:30 - 14:30	6(AMS)	14(VGM)	12(VGM)	14(VGM)/15(AMS)	
	Comida				

# Next future

## ■ New editions of the course this week



**CURSO: "Introducción al uso operativo del Sistema NinJo"**

### PROGRAMA DIARIO DE CLASES

#### Contenido del curso y profesores

1. (AMS) Introducción Sistema NinJo
2. (AGO) Sesión, Escenas, Ventana principal
3. (AGO) Barra controladora de tiempos
4. (AGO) Mapas y navegación de imágenes
5. (TPC) Capas Georid, Geovector, Georaster, Geolocation y fill Layer
6. (AMS) Capa de modelos numéricos y MyGUI
7. (TPC) Capa datos de observaciones SFC
8. (TPC) Automon
9. (JFS) Capas de Satélite, Radar y Rayos
10. (JVA) Aplicación Meteogramas
11. (EWH) Capa de Secciones verticales
12. (JPG) Capa y Aplicación Sondeos
13. (JSC) Capa de aviación
14. (VGM) WebCam, Capa de objetos meteorológicos y NinJo Workbench
15. (AMS) Conclusiones.

#### Profesores:

Aurora Martín Sanz, (AMS en el programa)  
Alicia García Ortega (AGO en el programa)  
Tomás Prieto Calvo (TPC en el programa)  
Vanessa Gascón Mendiola (VGM en el programa)  
José Miguel Fernández Serdán (JFS en el programa)  
José Ignacio Palacio García (JPG en el programa)  
José Antonio Sosa Cardo (JSC en el programa)  
Ernest Werner Hidalgo (EWH en el programa)  
José Voces Aboy (JVA en el programa)

#### Sesiones 1 y 2

	LUNES 3	MARTES 4	MIÉRCOLES 5	JUEVES 6	VIERNES
9:00 - 10:00	1(AMS)/2(AGO)	7(TPC)	14(VGM)	12(JPG)	
10:00 - 11:00	3(AGO)	8(TPC)	10(JVA)	13(JSC)	
			Descanso café		
11:30 - 12:30	4(AGO)	9(JFS)	10(JVA)	13(JSC)	
12:30 - 13:30	5(TPC)	9(JFS)	11(EWH)	12(JPG)	
13:30 - 14:30	6(AMS)	14(VGM)	11(EWH)	14(VGM)/15(AMS)	
			Comida		
15:30 - 16:30					
16:30 - 17:30					



## Next future

- New editions of the course in 2015
- New templates and New products
- Specific sessions for each job
- New batch products
- Maybe NinJO will be operative in 2015?